

## LUKOIL GEYSER HFAE

### Fire-resistant hydraulic fluid

#### Product description

Emulsifiable concentrate of fire-resistant HFAE type hydraulic fluid. Based on highly refined mineral oil with advanced additive package. Fluid provides excellent anti-corrosion and lubricating properties.

#### Application

Product is intended for use in the form of 2-5% water-oil emulsions in hydraulic systems of mining equipment, metallurgical and petrochemical plants, where the use of non-flammable liquids is necessary due to the risk of fire. Hydraulic fluid is recommended for such types of equipment as hydraulic supports, hydraulic presses used for hot stamping and forging, as well as in other power machines operating on water products and having high temperature areas. For the maximum long-term operation of the emulsion, it is recommended to control pH, concentration and biodegradation level on a regular basis.

#### Benefits

##### EMULSION STABILITY

Forms a stable emulsion even in case of mixing with water of high hardness

##### RESISTANCE TO BACTERIAL ATTACK

Highly resistant to biodegradation of the emulsion even in highly contaminated systems.

##### CORROSION PROTECTION

Excellent anti-corrosion properties

The product name in an order: Hydraulic fluid LUKOIL GEYSER HFAE, STO 79345251-057-2016

#### Typical test data

The information given in the typical data does not constitute a specification and can be affected by allowable production tolerances. The right to make modifications is reserved by OOO «LLK-International»

Property	Test methods	Value
Corrosion activity of 2% emulsion in distilled water by drip method, cast iron	GOST 6243 p.2	Pass
Density at 20 °C, kg/m <sup>3</sup>	ASTM D1298 / ASTM D4052	1,022
pH 2% emulsion in water of total hardness 4.6 mg-eq/dm <sup>3</sup>	GOST 6243 p.4	9.5